



LM220

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PERFORMANCE¹

- Capacity: Up to 2750 tons/hour

DIMENSIONS

- Overall width: 2795 mm (110 in.)
- Overall height: 3531 mm (139 in.)
- Working height: 1400 mm (55 in.)
- Weight: 4310 kg (9500 lb) approx.

AUGERS

- Quantity: Two (2) interchangeable 510 mm (20 in.) diameter open flight augers welded in one (1) piece

IMPELLER

- Diameter: 965 mm (38 in.)
- Blades: Five (5) bolted on and concave impeller blades made of 6 mm (¼ in.) ASTM A514 steel
- Projection¹: Up to 46 m (150 ft)
- Casing:
 - Heavy-duty construction, chain and sprocket rotating system
 - Hydraulically controlled
 - Right and left for side casting or through the loading chute for spot casting

FIXED STEERING VANES

- Height: 1956 mm (77 in.)
- Overall width: 2794 mm (110 in.) ou 2946 mm (116 in.)

TELESCOPIC LOADING CHUTE

- Diameter: 406 mm (16 in.)
- Control: One vertical section, one directional section and one flexible section
- Extension: 457 mm (18 in.) hydraulic extension to allow casting at any adjustable height from 3530 to 3988 mm (139 to 157 in.)
- Rotation: Minimum 300°
- Projection¹: From 1 to 16 m (3 to 50 ft)

ENGINE

- Power: 205 kW (275 hp) Turbo Diesel Tier 3 engine

FUEL TANK

- Type: Steel
- Capacity: 325 L (85 gal)

HYDRAULIC SYSTEM

- Pump type: 23 L/min (6 US GPM) directly mounted on engine auxiliary drive
- Oil tank capacity: 9 L (2.4 gal)

ELECTRICAL SYSTEM

- Type: 12 volts
- Battery: Two (2), type 31, 2250 CCA

DRIVELINE SYSTEM

- Clutch: Twin Disc, model SP-211
- Type: Chain and gear driven with a spiral reduction bevel gear box
- Lubrication: Oil bath
- Safety mechanism: Two (2) sets of shear bolts protecting impeller and augers

INSTRUMENT PANEL AND CONTROLS

- Model: Heavy duty control and display system PLUS +1 from Sauer Danfoss
- Controls:
 - One controller using a multiplex CAN communication
 - One 256 color LCD screen of 3 ⅛ in. x 5 ¾ in.
 - One 4-button CANBUS manipulator
 - One switch ignition key

SKATES AND SCRAPER BLADES

- Four (4) inside and six (6) outside skates made of 44W high carbon alloy steel
- One (1) reversible CHT 100 steel scraper blade
- Skates with carbide inserts

OPTIONAL EQUIPMENT

- Auger with bolted ice breaker
- Battery heater
- Carbide ice breaker
- Carbide plating 55Rc (drum and chute)
- High hydraulic temperature protection
- Hydraulic oil heater
- Hydraulic steering vanes
- Residential type Cowl muffler
- Racor filter, heating water separator spin-on type
- Thermostatic fan
- Work lights

¹ Depending on snow conditions



ISO 9001:2008

Specifications on this brochure may be changed without prior notice.
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